

ABSTRACT

A method and apparatus for detecting script language viruses is provided. The apparatus includes a script language processor, a detection data processor and a detection engine. The script language processor prepares language description data corresponding to at least one script language. The detection data processor prepares detection data for viral code corresponding to the script language virus. The detection engine lexically analyzes a data stream using the language description data and the detection data to detect the viral code. The language description data may correspond to language definition rules and language check rules. The data stream may be converted to a stream of tokens, wherein the lexical analysis is performed on the token stream. The script language virus detection apparatus may be a computer program stored on a computer readable medium and/or transmitted via a computer network or other transmission medium.